

COMPANY NAME PERKIN-ELMER		ENGINEERING STUDY <input type="checkbox"/>	CHANGE PROPOSAL <input checked="" type="checkbox"/>	Proposal No. PE-30						
DATE October 9, 1963		AFFECTS: WSPO <input type="checkbox"/>	PROJECT <input checked="" type="checkbox"/>							
NAME OF MAJOR COMPONENT Tracking Camera		PART OR LOWEST SUBASSEMBLY		PART NO. & MODEL OR TYPE 151-0012 MK 1A						
TITLE OF PROPOSAL: Visual frame counter for MK 1A Tracking Camera										
NATURE OF PROPOSAL: Add three-digit counter to control panel as indicator of exposed frames. Counter to be supplied in kit form and installed by technical representatives at field sites. Sample conversion chart attached.										
REASON FOR PROPOSAL: At time hatch is lowered, counter will indicate success of tracker operation and amount of footage exposed. Det "H" indicates that time saved by this method versus removing tracker from hatch, transporting unit to darkroom, unloading and physically measuring amount of exposed material is a very desirable feature.										
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
CP	ESTIMATED COST FOR KITS OR PARTS: \$76.00 Kit (Based on 12 Kit suggested qty) ADDITIONAL FUNDING REQUIRED:									
ITEMS AFFECTED BY PROPOSAL:										
Safety <input type="checkbox"/>	Mission Effectiveness <input checked="" type="checkbox"/>	Performance <input type="checkbox"/>	Operating Procedure <input checked="" type="checkbox"/>	Interchangeability <input type="checkbox"/>	Weight or Weight & Balance <input type="checkbox"/>	Tools & Support Equipment <input type="checkbox"/>	Maintenance Procedure <input type="checkbox"/>	Service Life <input type="checkbox"/>	Flight Manual <input type="checkbox"/>	Maintenance Manual <input type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD					5 Hours					
SOURCE OF PARTS FOR KIT Contractor					AVAILABILITY 5 WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED N/A										
INITIATED BY: Approved For Release 2002/06/14 : CIA-RDP71B00697B001600050016-0					APPROVED: WSPO PROJECT					

Conversion Chart - Frame Counter
(To be supplied in laminated form)

<u>Cycle</u>	<u>Feet</u>	<u>Time</u> <u>In Hours</u>	<u>Cycle</u>	<u>Feet</u>	<u>Time</u> <u>In Hours</u>	<u>Cycle</u>	<u>Feet</u>	<u>Time</u> <u>In Hours</u>
100	87.300	.90	1	.873	.009	26	22.698	
150	130.950	1.35	2	1.746	.018	27	23.571	
200	174.600	1.80	3	2.619	.027	28	24.444	
250	218.250	2.25	4	3.492	.036	29	25.317	
300	261.900	2.70	5	4.365	.045	30	26.190	.270
350	305.550	3.15	6	5.238	.054	31	27.063	
400	349.200	3.60	7	6.111	.063	32	27.936	
450	392.850	4.05	8	6.984	.072	33	28.809	
500	436.500	4.50	9	7.857	.081	34	29.682	
550	480.150	4.95	10	8.730	.090	35	30.555	
600	523.800	5.40	11	9.603		36	31.428	
650	567.450	5.85	12	10.476		37	32.301	
700	611.100	6.30	13	11.349		38	33.174	
750	654.750	6.75	14	12.222		39	34.047	
800	698.400	7.20	15	13.095		40	34.920	.360
850	742.050	7.65	16	13.968		41	35.793	
900	785.700	8.10	17	14.841		42	36.666	
950	829.350	8.55	18	15.714		43	37.539	
1000	873.000	9.00	19	16.587		44	38.412	
1050	916.650	9.45	20	17.460	.180	45	39.285	
1150	960.300	9.90	21	18.333		46	40.158	
1200	1003.950	10.35	22	19.206		47	41.031	
			23	20.079		48	41.904	
			24	20.952		49	42.777	
			25	21.825		50	43.650	.450